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<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	10/533,315 ✓
		Filing Date	April 29, 2005
		First Named Inventor	Hans Wohlfromm
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission		Attorney Docket Number	12810-00081-US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1449 Form Citations
<div style="border: 1px solid black; padding: 5px; min-height: 100px;"> Remarks </div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	CONNOLLY BOVE LODGE & HUTZ LLP		
Signature			
Printed name	Matthew J. Mason		
Date	May 25, 2005	Reg. No.	44,904



Docket No.: 12810-00081-US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Hans Wohlfromm et al.

Application No.: 10/533,315

Filed: April 29, 2005

For: METAL POWDER INJECTION MOLDING
MATERIAL AND METAL POWDER
INJECTION MOLDING METHOD

Confirmation No.: N/A

Art Unit: N/A

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Customer Window
U.S. Patent and Trademark Office
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the date of entry of the national stage of an international application as set forth in 37 CFR 1.491 (37 CFR 1.97(b)(2)).

A summary (or abstract) of the non-English language references is enclosed.

A concise explanation of relevance of the items listed on form PTO/SB/08 is given for only non-English language listed items.

DE 100 31 923 relates to soft magnetic material with heterogeneous building of structures and procedure for its production.

DE 199 25 197 A1 relates to an injection mouldable metallic powder composition and injection moulding and sinter procedure using a such composition. A copy of the counterpart U.S. Patent 6,051,184 has been provided.

JP 06-228607 relates to a method to the production of sintered metallic part by injection molding of metal powder. An English-language abstract has been provided.

EP 0 446 708 A2 relates to thermoplastic materials for manufacturing metallic articles. A copy of counterpart U.S. Patent 5,198,489 has been provided.

EP 0 465 940 A2 relates to thermoplastic masses for preparing metallic mouldings. A copy of counterpart U.S. Patent 5,362,791 has been provided.

EP 0 582 209 A1 relates to alkoxylation products and their use as dispersion agents. A copy of counterpart U.S. Patent 5,424,445 has been provided.

EP 0 710 516 A2 relates to process and injection-moulding compound for the manufacturing of shaped metallic bodies. A copy of counterpart U.S. Patent 5,802,437 has been provided.

WO 94/25205 relates to a method of producing sintered articles. A copy of counterpart U.S. Patent 5,611,978 has been provided.

WO 01/81467 A1 relates to a binding agent for inorganic material powders for producing metallic and ceramic moulded bodies. A copy of counterpart U.S. Publication 20030091456 has been provided.

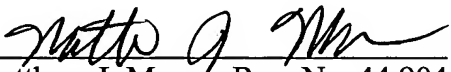
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0185, under Order No. 12810-00081-US.

Dated: 5/25/2005

Respectfully submitted,

By:


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Substitute for form 1449A/B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	Not Yet Assigned
Filing Date	April 29, 2005
First Named Inventor	Hans Wohlfromm
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	12810-00081-US

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		2003/0091456 A1	05-15-2003	Bloemacher et al.	
		5,198,489	03-30-1993	Sterzel et al.	
		5,362,791	11-08-1994	Ebenhoech et al.	
		5,424,445	06-13-1995	Hendrick ter Maat et al.	
		5,611,978	03-18-1997	Truebenbach	
		6,051,184	04-18-2000	Kankawa	
		5,802,437	09-01-1998	BASF Aktiengesellschaft	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		DE 100 31 923 A1	01-17-2002	Robert Bosch GmbH		
		DE 199 25 197 A1	12-09-1999	Mold Research Co., Ltd.		
		JP 6-228607	08-16-1994	Kawasaki Steel Corp.		
		EP 0 446 708 A2	09-18-1991	BASF Aktiengesellschaft		
		EP 0 465 940 A2	01-15-1992	BASF Aktiengesellschaft		
		EP 0 582 209 A1	02-09-1994	BASF Aktiengesellschaft		
		EP 0 710 516 A2	05-08-1996	BASF Aktiengesellschaft		
		WO 94/25205	11-10-1994	BASF Aktiengesellschaft		
		WO 01/81467 A1	11-01-2001	BASF Aktiengesellschaft		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Arakida and Miura, "Powder Injection Molding as a Metal Forming Process-Effects of Powder Morphology, Size and Size Distribution", <i>Key Engineering Materials</i> , 1991, Vols. 53-55, pp. 377-382.	
		Erickson, "Injection Molding", <i>ASM Handbook (formerly Ninth Ed., Metals Handbook)</i> , 1984, Vol. 7.	
		German, "Ch. 3: Powders", <i>Injection Molding Metals and Ceramics</i> , 1997, pp. 55-83.	
		Karatas and Saritas, "Rheological Properties of MIM Feedstocks Produced from Gas and Water-Atomized 316L Stainless Steel Powders", <i>Advances in Powder Metallurgy and Particulate Materials</i> , 2001, pp. 4-45-4-51.	
		Pease III and Potter, "Mechanical Properties of P/M Materials", <i>ASM Handbook</i> , 1993, Vol. 7: Powder Metallurgy, pp. 463-468.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.
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Examiner Signature		Date Considered	
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